

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	10/606,402
--------------------	------------

Filing Date	June 25, 2003
-------------	---------------

First Named Inventor	Buttrick Jr., James N.
----------------------	------------------------

Art Unit	3722
----------	------

Examiner Name	Talbot, Michael
---------------	-----------------

Attorney Docket Number	BING-1-1006
------------------------	-------------

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MMWT		US- 3,456,738	07-22-1969	Harry	
MMWT		US- 3,627,436	12-14-1971	Adams et al.	
MMWT		US- 3,633,433	01-11-1972	Schurch	
MMWT		US- 3,874,244	04-01-1975	Rasmussen et al.	
MMWT		US- 4,031,931	06-28-1977	Balcombe	
MMWT		US- 4,091,712	05-30-1978	Geiger	
MMWT		US- 4,149,822	04-17-1979	Lehmkuhl	
MMWT		US- 4,468,159	08-28-1984	Oster	
MMWT		US- 4,787,786	11-29-1988	Freud et al.	
MMWT		US- 5,383,751	01-24-1995	Wheatley et al.	
MMWT		US- 5,390,557	02-21-1995	Tsukada	
MMWT		US- 5,403,133	04-04-1995	Kim	
MMWT		US- 5,582,067	12-10-1996	Snider	
MMWT		US- 6,413,022	07-02-2002	Sarh	
MMWT		US- 6,439,813	08-27-2002	Repossini	
MMWT		US- 20020127069	09-12-2002	Luigi	
MMWT		US- 6,612,792	09-02-2003	Barclay	
MMWT		US- 6,634,838	10-21-2003	Kitamura et al.	
MMWT		US- 6,796,014	09-28-2004	Sarh	
MMWT		US- 20040234352	11-25-2004	Vanderpool et al.	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

3/30/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

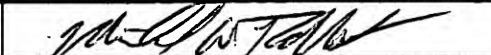
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/606,402	
			Filing Date	June 25, 2003	
			First Named Inventor	Buttrick Jr., James N.	
			Art Unit	3722	
			Examiner Name	Talbot, Michael	
Sheet	2	of	2	Attorney Docket Number	BING-1-1006

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
Michael		US- 20050158134	07-21-2005	Rodgers	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	3/30/06
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 required to respond to a collection of information unless it contains a valid OMB

Under the Paper Control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/606,402
Filing Date	June 25, 2003
First Named Inventor	Buttrick, James N., Jr.
Art Unit	3722
Examiner Name	Talbot, Michael
Attorney Docket Number	RING-1-1006

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MMW		US- 1,676,206	07-03-1928	Ratliff	
MMW		US- 1,741,044	12-24-1929	Whipple et al.	
MMW		US- 2,963,927	12-13-1960	Hanger	
MMW		US- 3,456,738	07-22-1969	Harry	
MMW		US- 3,627,436	03-24-1970	Adams et al.	
MMW		US- 3,633,433	05-25-1970	Schurch	
MMW		US- 3,663,115	05-16-1972	Vindez et al.	
MMW		US- 4,091,712	05-30-1978	Geiger	
MMW		US- 4,149,822	04-17-1979	Lehmkuhl	
MMW		US- 4,388,890	06-21-1983	Wester et al.	
MMW		US- 4,468,159	08-28-1984	Oster	
MMW		US- 4,561,814	12-31-1985	Dahlgren, Jr., et al.	
MMW		US- 4,591,301	05-27-1986	Pelfrey	
MMW		US- 4,787,786	11-29-1988	Freud et al.	
MMW		US- 5,032,051	07-16-1991	Gilmore	
MMW		US- 5,062,746	11-05-1991	Deremo	
MMW		US- 5,297,907	03-29-1994	Strait et al.	
MMW		US- 5,390,557	02-21-1995	Tsukada	
MMW		US- 5,403,133	04-04-1995	Kim	
MMW		US- 5,482,411	01-09-1996	McGlasson	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

3/30/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substituted for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number				10/606,402	
Filing Date				June 25, 2003	
First Named Inventor				Buttrick, James N. Jr.	
Art Unit				3722	
Examiner Name				Talbot, Michael	
Attorney Docket Number				BING-1-1006	
Sheet	2	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>AWT</i>		US- 5,537,927	07-23-1996	Rogovin et al.	
<i>AWT</i>		US- 5,582,067	12-10-1996	Snider	
<i>AWT</i>		US- 5,609,444	03-11-1997	Valsecchi	
<i>AWT</i>		US- 6,334,745	01-01-2002	Bennett, Sr.	
<i>AWT</i>		US- 6,413,022	07-02-2002	Sarh	
<i>AWT</i>		US- 6,428,453	08-06-2002	Hoppe et al.	
<i>AWT</i>		US- 6,439,813	08-27-2002	Repossini	
<i>AWT</i>		US- 6,612,792	09-02-2003	Barclay	
<i>AWT</i>		US- 6,634,838	10-21-2003	Kitamura et al.	
<i>AWT</i>		US- 6,796,014	09-28-2004	Sarh	
<i>AWT</i>		US- 20020001511	01-03-2002	Reguzzi	
<i>AWT</i>		US- 20020127069	09-12-2002	Luigi	
<i>AWT</i>		US- 20020168241	11-14-2002	David et al.	
<i>AWT</i>		US- 20030207742	11-06-2003	Hazlehurst et al.	
<i>AWT</i>		US- 20040076484	04-22-2004	Alam et al.	
<i>AWT</i>		US- 20040234352	11-25-2004	Vanderpol et al.	
<i>AWT</i>		US- 20050158134	07-21-2005	Rodrs	
		US-			
		US-			
		US-			

[illegible]

Examiner Signature	<i>W. H. T. [Signature]</i>	Date Considered	3/30/06
-----------------------	-----------------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**